



EXCELENCIA EN CALIDAD

Acieria Ramos Arizpe  
CARRETERA MONCLOVA KM 4 NUMERO 2125  
TRAMO SANTA CRUZ OJO CALIENTE  
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CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST  
AND ANALYSIS

No. Certificado / Certificate No.	188646 - 22984055
Fecha / Date:	25/11/2020

Hecho en Mexico / Made in Mexico

DATOS DEL CLIENTE / SOLD TO

CLIENTE CONSIGNADO / SHIP TO

DATOS DEL EMBARQUE / SHIPPING INFORMATION

Cliente / Customer: PLESA ANAHUAC Y CIAS SA DE CV	Estado / State: EDO. DE MEXICO	País / Country: MEXICO	C.P./ZIP: 54940
Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 SAN FRANCISCO CHILPAN	Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO	Ciudad / City: TULTITLAN
Teléfono / Phone: 10838570	Correo Electrónico / eMail: rcebillos@plesa.com.mx	Num. Plan / Shipping Plan: 203519	Fecha Embarque / Date: 25/11/2020
		Orden de Compra / Purchase Order: 30489	

COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)

Cola da / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	PPM Nb	PPM N	CE
48272	9692	60135	REDONDO S 1 1/2" A-36 6.10m 2.0T	AVG 0.22	AVG 0.71	AVG 0.18	AVG 0.009	AVG 0.013	AVG 0.26	AVG 0.10	AVG 0.06	AVG 0.023	AVG 0.010	AVG 0.001	AVG 0.003	12	92	0.36
46049	16755	60221	SOLEIRA 1" x 1/8" A-36 6.10m 2.0T NMX B252/ASTM A6	0.13	0.56	0.14	0.011	0.008	0.30	0.15	0.08	0.021	0.012	0.001	0.000	8	100	0.25
48049	16756	60221	SOLEIRA 1" x 1/8" A-36 6.10m 2.0T NMX B252/ASTM A6	0.13	0.56	0.14	0.011	0.008	0.30	0.15	0.08	0.021	0.012	0.001	0.000	8	100	0.25
45952	50658	60347	ANGULO L 2 1/2" x 2 1/2" x 1/4" A36/529-50 12.20m 4.0T	0.20	0.75	0.21	0.007	0.004	0.19	0.06	0.05	0.021	0.008	0.001	0.001	16	85	0.34

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Cola da / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT AVG	TS PSI	% Elong	LF kg/mm²	YS PSI	P. Doblez / Bend Test
48272	9692	60135	REDONDO S 1 1/2" A-36 6.10m 2.0T	1 1/2"	1	53.3	75956.8	22.4	44.2	63008.0	Cumple / Successfully
46049	16755	60221	SOLEIRA 1" x 1/8" A-36 6.10m 2.0T NMX B252/ASTM A6	1" x 1/8"	1	52.1	74190.9	29.3	39.7	56554.2	Cumple / Successfully
46049	16756	60221	SOLEIRA 1" x 1/8" A-36 6.10m 2.0T NMX B252/ASTM A6	1" x 1/8"	1	51.2	72866.1	32.8	38.5	54822.4	Cumple / Successfully
45952	50658	60347	ANGULO L 2 1/2" x 2 1/2" x 1/4" A36/529-50 12.20m 4.0T	2 1/2" x 2 1/2" x 1/4"	3	54.6	77737.0	34.5	43.4	61882.0	Cumple / Successfully

OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION

Acero fundido y colado en México / Steel melted and poured in Mexico



Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012, / We certify that this material has been produced, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.

JUAN ALEJANDRO GALVAN GARCIA  
Gerente de Aseguramiento de Calidad / Quality Assurance Manager